

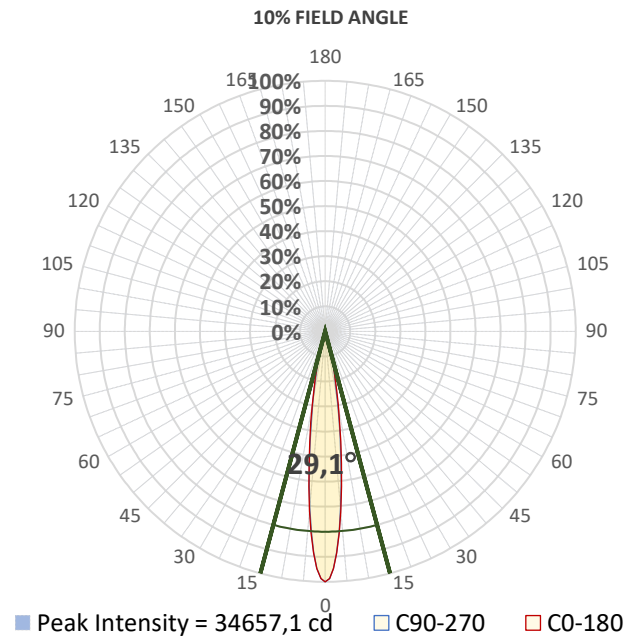
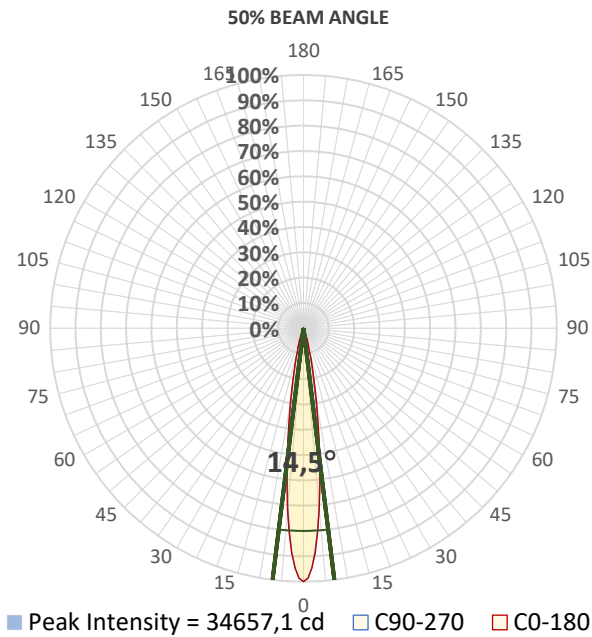
Report Summary



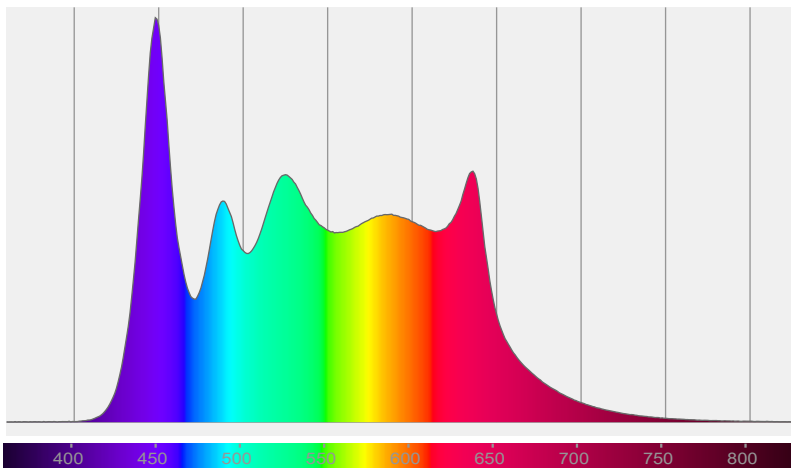
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3723 lm / 34690 cd	Beam Angle (50%): 14,5°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 29,1°	Power: 98,4 W
Intensity @ 5m: 1386 lx	Cutoff Angle (2,5%): 42°	Current: 0,510 A
Color Temperature: 5676 K		Power Factor: 0,86
CRI: 96,6		
CRI R9 Value: 78,8		
CQS: 95,3		
TLCI: 95		
TM-30 Rf: 94,2		
TM-30 Rg: 101,1		

Details



Spectral Distribution



CIE 1931

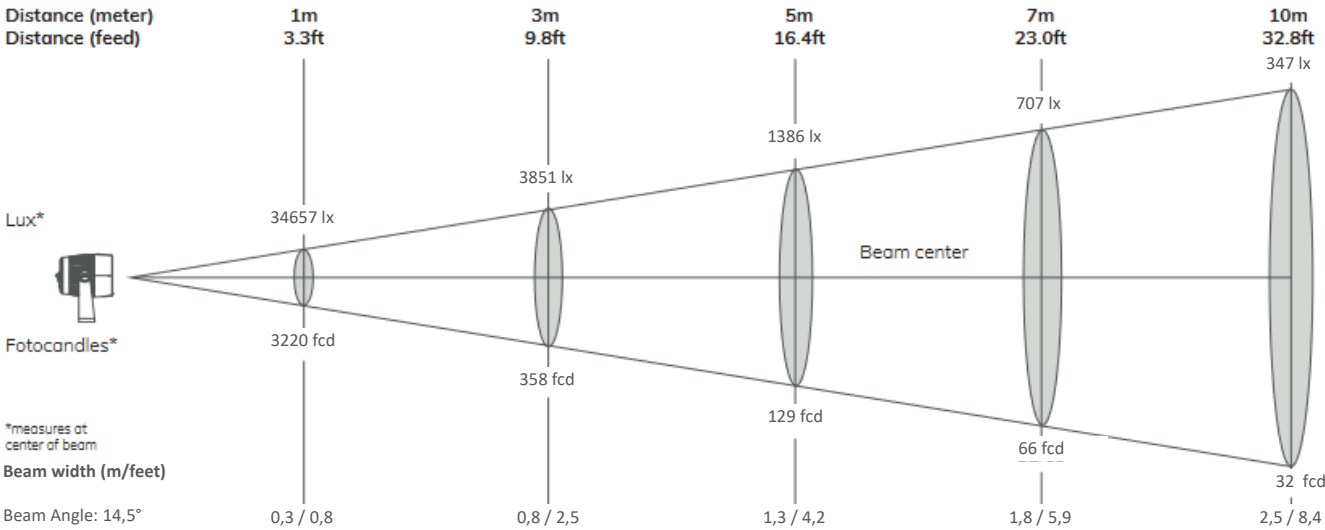
x: 0,329 y: 0,341

Light Quality

CRI: 96,6

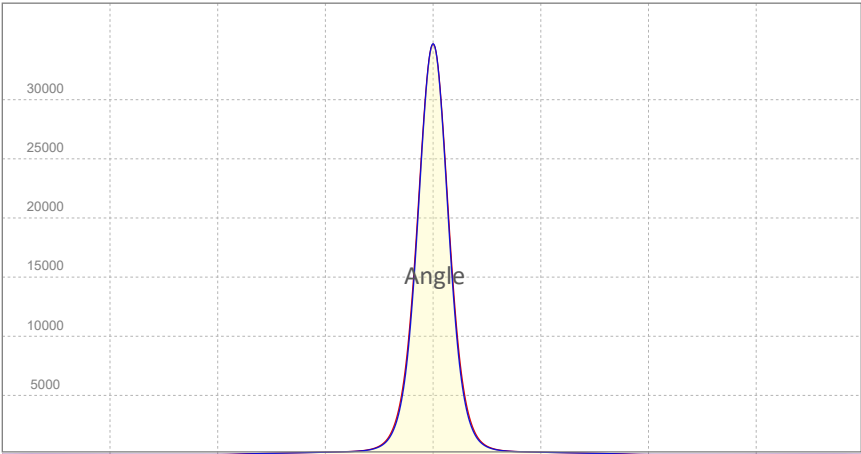
Color Temperature

5676 K



Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 14,5°	34657/ 3220	0,3/0,8	3851/ 358	0,8/2,5	1386/ 129	1,3/4,2	707/ 66	1,8/5,9	347/ 32	2,5/8,4

Candela (cd)

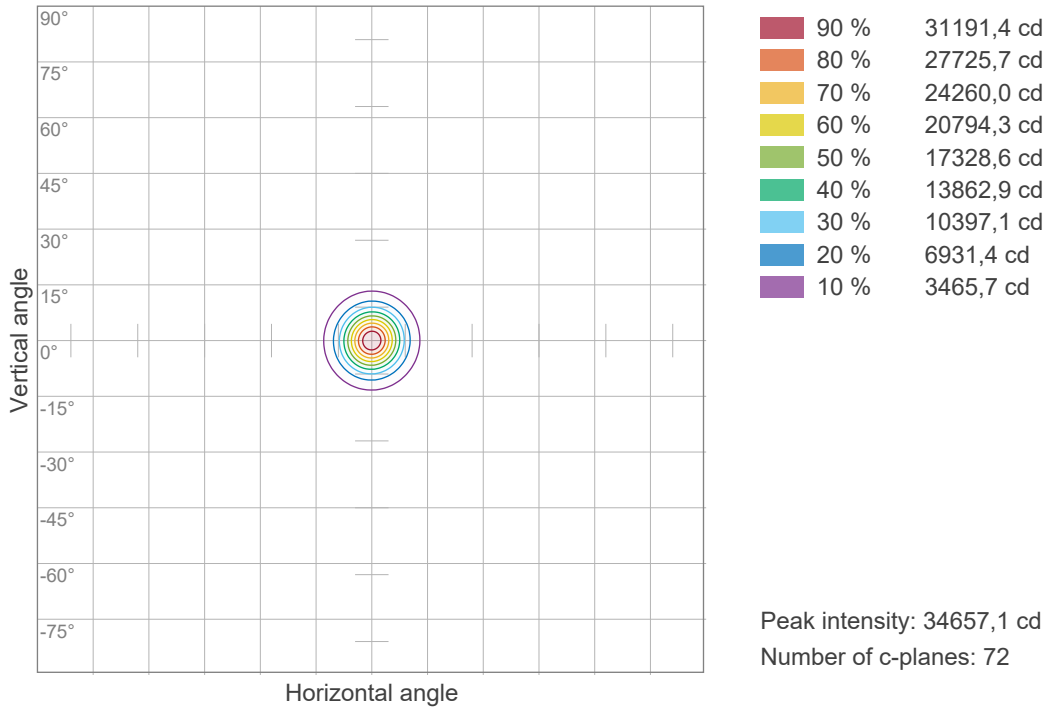


Candela Plot

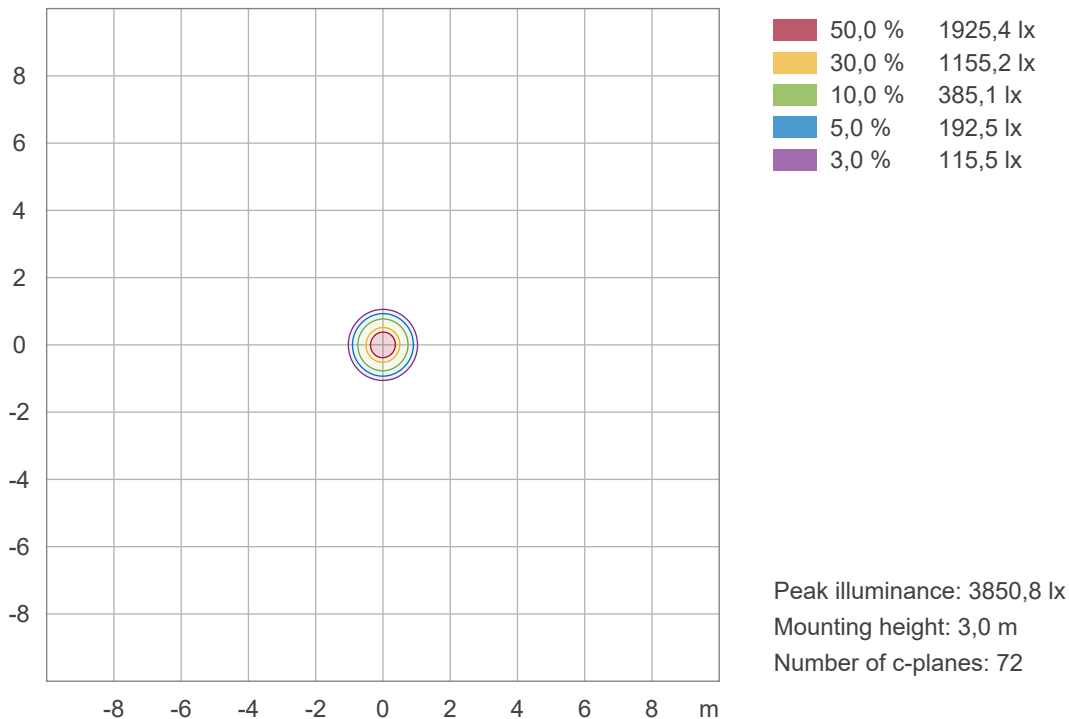
Vertical Distribution
Horizontal Distribution

ISO Diagrams

ISO Candela Diagram

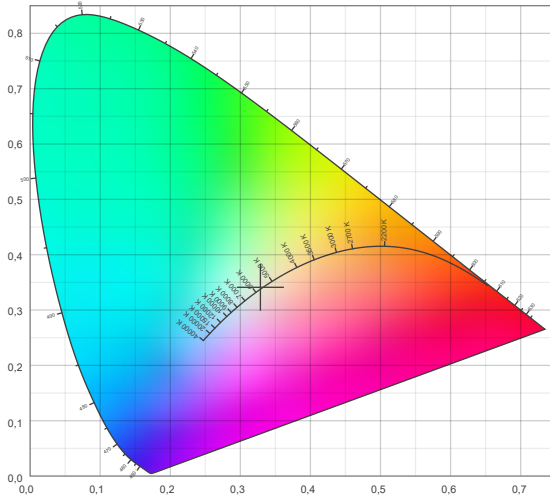


ISO Lux Diagram

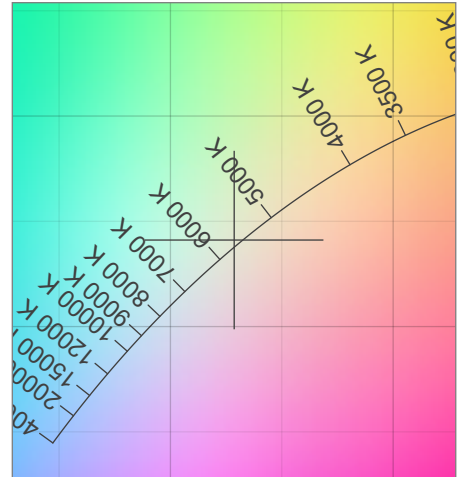


Chromaticity

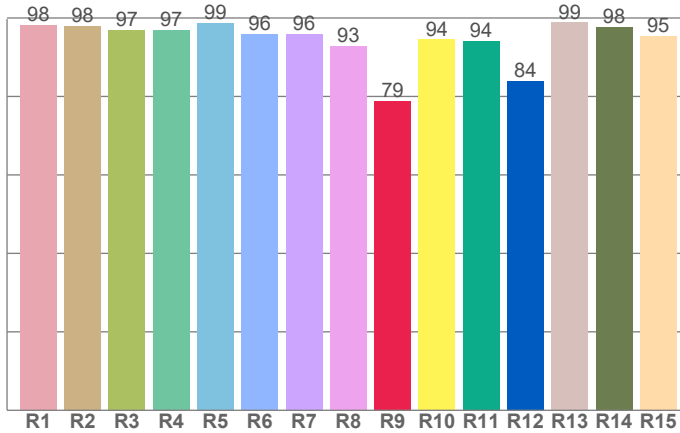
CIE 1931



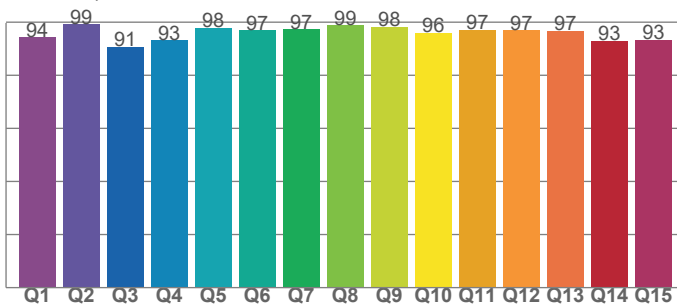
CIE 1931 - Zoom



CRI: 96,6 (R1-R8)



CQS: 95,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5676K	0,329	0,341

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0015	0,204	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
96,6	78,8	95,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
95	94,2	101,1

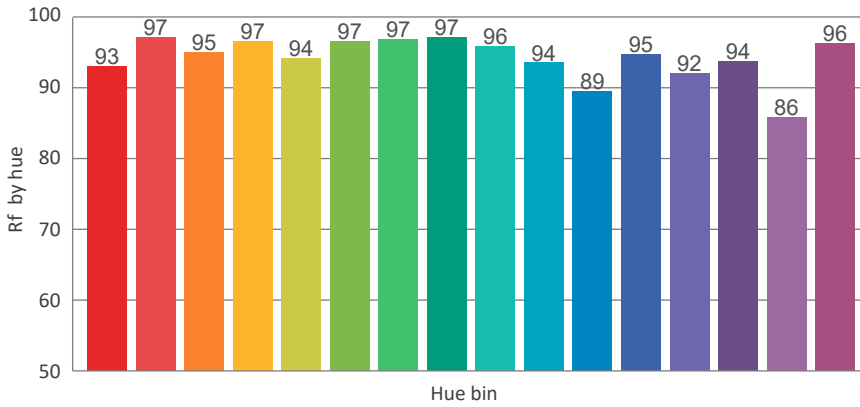
TM30 Details

Rf 94,2

Fidelity Index Rf

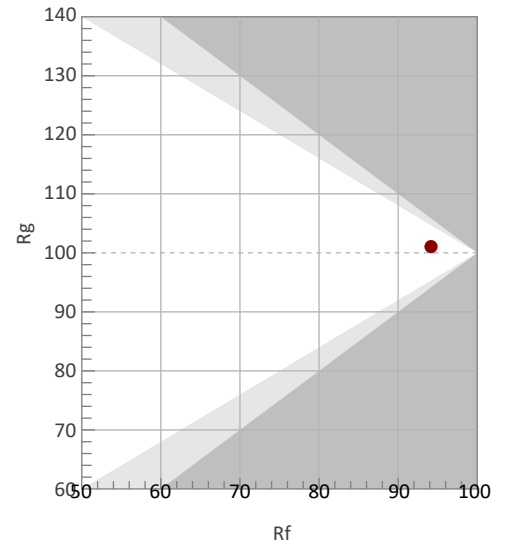
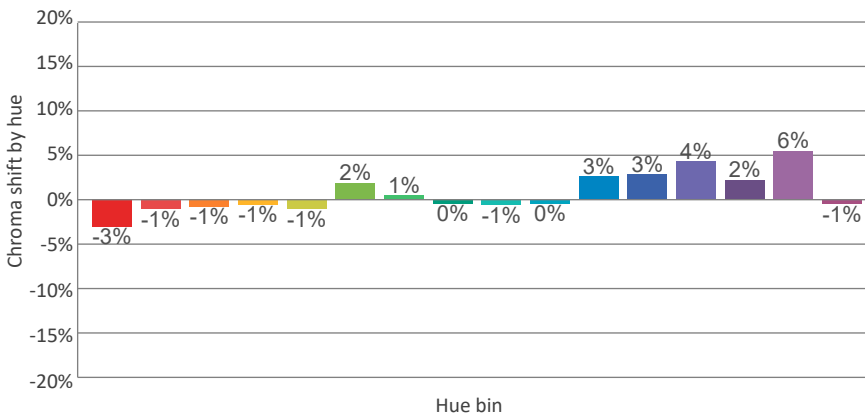
Rg 101,1

Gamut Index Rg

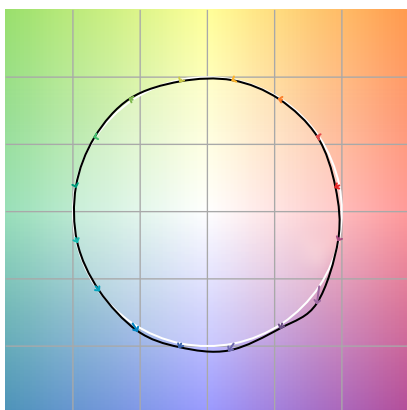


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

